

### Abstract of the Disclosure

An imaging surveillance system and methodology which employs a nighttime, intensified-light, black-and-white imager. This imager includes a light intensifier which, from a methodologic point of view, and through an appropriate input lens structure, directly gathers available nighttime scene light, and feeds substantially all of this light, after intensification takes place, to a single-CCD-device, black-and-white camera which, in a non-beam-splitting manner converts this received light to a black-and-white video image output data stream. Another way of expressing and visualizing the methodology implemented by the present invention is to think of it, in the context of utilizing a properly deployed light intensifier, as including the steps of (a) creating a light-intensified image which is derived from a non-light-intensified nighttime field of view, and (b) processing that intensified image with an optical-to-electronic imaging instrumentality so as to produce an electronic-data output stream which contains solely achromatic optical image information.